Luca Mario Hohmann

Master student in Informatics: Games Engineering

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EDUCATION

M.Sc. Informatics: Games Engineering

Technical University Munich   Oct 2020 – Feb 2023 (expected)   Munich, Germany

- Specialization on Information Security and Computer Architecture
- Current Grade: 1.3
- Main projects: Portation of L4 Microkernel Fiasco.OC, Construction of secure peer to peer network

Erasmus Exchange: Informatics

Aalto University   Sep 2021 – Jun 2022   Espoo, Finland

- Specialization on Information Security and Web Technology
- Main projects: Secure Android smart card application, Development of Google Cloud Platform Application for student restaurants

B.Sc. Informatics: Games Engineering

Technical University Munich   Oct 2017 – Sep 2020   Munich, Germany

- Final grade: 1.9
- Thesis: "Classification of chronic wounds with Machine Learning"

EXPERIENCE

Student Assistant for E-Government and Online Platforms

Chair for Information System, Technical University Munich   Oct 2020 – Sep 2021   Munich, Germany

- Creation of E-Government lecture material
- Proofreading chair's papers
- Testing applicability of Data Mining tools
- Part of digital task force assisting in data transfer of Covid-19 data for Bavarian health authorities

Student Assistant for Augmented Reality and Machine Learning

Chair for Information System, Technical University Munich   Oct 2018 – Sep 2020   Munich, Germany

- Development of HoloLens application for nurses
- Development of Machine Learning based wound image classifier with Tensorflow and online image annotation tool
- Proofreading chair's papers and books
- Presentation of chair's work to research & industry

Informatics intern

icu profiles   Jul 2017 (2 weeks)   Augsburg, Germany

- Accompany of employees at customer IT infrastructure
- Basic setup of routers for customers

VOLUNTARY COMMITMENT

Tietokilta committee member

Aalto University   Jan 22 – Jun 22   Espoo, Finland

- Member of 2 committees, organizing events and information campaigns for the guild as well as events for current guild members related to recreational activities

Minga mentor

Technical University Munich   Jan 19 – Apr 20   Munich, Germany

- Assistance in general and study related questions for incoming students before arrival and during stay at TUM in Munich

COMPLETED COURSES

(Badge) Introduction to Cybersecurity

▦ Cisco Networking Academy   📅 Issued on October 11, 2022   📍 Munich, Germany

• Fundamentals course about cybersecurity by Cisco Networking Academy, entry course for Cybersecurity Carreer Path
• `https://www.credly.com/badges/ef6b9be9-e67c-4b72-bd24-12914764c56d/public_url`

(Badge) Networking Devices and Initial Configuration

▦ Cisco Networking Academy   📅 Issued on October 17, 2022   📍 Munich, Germany

• Fundamentals course about networking protocols and how to utilize Cisco's packet tracer utility for future courses
• `https://www.credly.com/badges/dcc2f5e7-f967-467b-9b4a-58ecb9351dbd/public_url`

EVENT PARTICIPATION AND PROJECTS

DSC Munich Beginner CTF
27-29 Oct 2020 – 15th place of 77 with 14 out of 20 challenges solved

hackaTUM 2019
22-24 Nov 2019 – Prototype for personalized and AI assisted code feedback suggestions for JetBrains challenge track

FreeTubeApp
Oct 2020-present, Co-Developer, with over 220 commits total, of Open Source desktop YouTube player with over 6000 stars

Polarity mining of Stack-Overflow
Paper for the seminar "Data Analytics for Cybercrime and undesirable online behavior", showing a trend towards more neutral and negatively connoted answers over time

SKILLS

Cybersecurity

Online Platforms

Project Planning

Javascript (+NodeJS)

Python

Team Management

LANGUAGES

German
Native speaker

English
Fluent, C2 level

Finnish
Basic knowledge, A2.2 level

HOBBIES

Biking and biking tours

Attending meetups and events

Cooking

Skiing

Munich, 19.10.2022,

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Luca Mario Hohmann